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## M E M O R A N D U M

SUBJECT: MSDGC Industries  
Cosden Oil & Chemical Company  
142nd Street & Paxton

INTERVIEWED: Mr. McKinney, Plant Manager

DATE: January 13, 1969  
(Time: 10:30 a.m.)

A visit was made to the Cosden Oil & Chemical Company, 142nd Street & Paxton, to observe the progress made in eliminating pollutional discharges to the Little Calumet River. During the tour of the plant the following information was obtained.

According to McKinney the Cosden Oil & Chemical Company had not been discharging wastes or cooling water to the Little Calumet River for over a month. All proposed diversions of the waste had been completed early in December.

Cosden presently operates two cooling towers which serve two sections of the plant. A third cooling tower is planned and when complete will serve the "Poly-M" section of the Cosden complex. This will be a new plant process which is not yet operating, according to McKinney.

The blow-down waste water, from the two cooling towers, which contains the sludge like sediment from the cooling water is sent to an MSDGC Interceptor sewer. The make-up cooling water, about 0.35 MGD, is taken from the Little Calumet River. All the process waste water is also sent to the MSD Interceptor sewer.

Cosden Oil & Chemical Company operates a lift station tributary to the MSD sewer. At this station, according to McKinney, the discharge from their plant to the sewer is about 100 gpm. The lift station has a 180 gpm pumping capacity.

The discharge lines previously used by Cosden to discharge waste to the Little Calumet River and previously sampled, (outfall #1, 6, 8, & 15) were inspected. There were no discharges during the visit. With the ice and snow that surrounded the outfalls it appeared that there had been no discharges from these pipes for some time.

All of Cosdens waste and cooling water blow-downs are sent to the MSD Interceptor sewer un-treated. A small pre-treatment plant is planned to give the waste partial treatment before discharging to the MSD sewer system. As yet the plant is not complete. No date was given by McKinney as to when the treatment plant would go on stream. The waste treatment plant construction site was not visited nor was the point of discharge, of the Cosden waste to the MSD sewer system, seen.

  
Charles E. Corley, Sanitarian II, Chicago